

TABLE 6
OTHER CHARACTERISTICS OF SOIL, ORGANIC RESIDUE, AND GROUNDWATER

Former ORP / Building 1 Area
Former Oakland Base - EDC Area, Oakland, California

Characteristics	Soil	Tarry Residue	Groundwater
Corrosivity (pH range)	2.5 to 9.46	0.56 to 7.2	1 to 6
H ₂ S @ 100°C (off-gas) (a)	NA	positive	NA
H ₂ S @ 100°F (off-gas) (a)	NA	negative	NA
H ₂ S (b)	NA	17 ppm	NA
SO ₂ (b)	NA	22 ppm	NA
VOCs (b)	NA	45 ppm	NA
Ion chromatography	NA	"significant amount of sulfuric acid present"	NA
Reactivity	NA	negative	NA
Acidity (c)	NA	312 mg KOH/g	NA
Ignitability	NA	negative	NA

Notes:

- (a) Hydrogen sulfide using lead acetate indicator with a detection limit of approximately 5 ppm.
- (b) Compounds measured in the headspace of an organic residue sample in a zip-closure plastic bag.
- (c) Acidity measured in milligrams of potassium hydroxide per gram of organic residue.